

10/519361

DT09 Rec'd PCT/PTO 2 8 DEC 2004

1

DESCRIPTION

PORTABLE TRANSCEIVER

5 TECHNICAL FIELD

The present invention relates to a portable transceiver such as a portable telephone.

BACKGROUND ART

10 Recently a built-in antenna has been commonly used in a field of a radio communication device, particularly a portable transceiver.

A perspective view of a conventional folding portable transceiver is shown in Fig. 9.

Built-in antenna section 103 is disposed near hinge section 102 and close
15 to coupling section 104. Keyboard side board 105, which is a first circuit board, is coupled with liquid crystal display side board 106, which is a second circuit board, via coupling section 104. Keyboard side board 105 is covered with first housing 107 having an input section at its surface. Liquid crystal display side board 106 is covered with second housing 108 having a display section.

20 An example of the portable transceiver having the structure mentioned above is disclosed in Japanese Patent Unexamined Publication No. 2003-8320.

In a case of built-in antenna section 103 disposed near hinge section 102 shown in Fig. 9, when portable transceiver 101 is opened and shut, an input impedance of built-in antenna section 103 changes.

25 In particular, when portable transceiver 101 is shut, current distribution concentrates and an impedance characteristic deteriorates because built-in antenna section 103 is close to coupling section 104. Therefore, it is difficult to

Serial No.: New Application

IN THE SPECIFICATION:

Please add the following new paragraph after the title and before the first paragraph on page 1:

This application is a U.S. national phase application of PCT international application PCT/JP2004/009688.